

**SIZE: 3 CLASS: gG/gL**
**500Vac**

**DIMENSIONAL DATA ON PAGE 33**

- General Industrial applications
- Full range breaking capacity
- Rated at 500Vac: 250Vdc
- Approved to IEC 60269 (VDE 0636)
- Reduced body size for ratings <400A
- Other voltage ratings available, contact Bussmann for further information

**1 FUSE LINK SELECTION TABLE**

| Rated Current | Part Number | Watts loss (W) | Breaking Capacity                 | Weight   | Packaging        |
|---------------|-------------|----------------|-----------------------------------|----------|------------------|
| 100           | 100NH3G     | 10.2           | 120kA @ 500V ac<br>50kA @ 250V dc | 0.610 kg | 3 pcs per Carton |
| 125           | 125NH3G     | 11.9           |                                   |          |                  |
| 160           | 160NH3G     | 15.7           |                                   |          |                  |
| 200           | 200NH3G     | 20.1           |                                   |          |                  |
| 224           | 224NH3G     | 20.7           |                                   |          |                  |
| 250           | 250NH3G     | 24.5           |                                   |          |                  |
| 315           | 315NH3G     | 31.3           |                                   |          |                  |
| 350           | 350NH3G     | 34.8           |                                   |          |                  |
| 400           | 400NH3G     | 38.4           |                                   |          |                  |
| 500           | 500NH3G     | 38.0           |                                   |          |                  |
| 630           | 630NH3G     | 48.0           |                                   | 1.080 kg |                  |

**2 FUSEHOLDER SELECTION TABLE FOR SIZE 03 (3S) & 3 FUSE LINKS**

| No.Poles | Part Number | Material | Max Rated Current | Max Watts Loss of Fuse Link | Weight   | Packaging |
|----------|-------------|----------|-------------------|-----------------------------|----------|-----------|
| 1        | SBS3        | Steatite | 630A              | 60W                         | 0.870 kg | 1 per box |

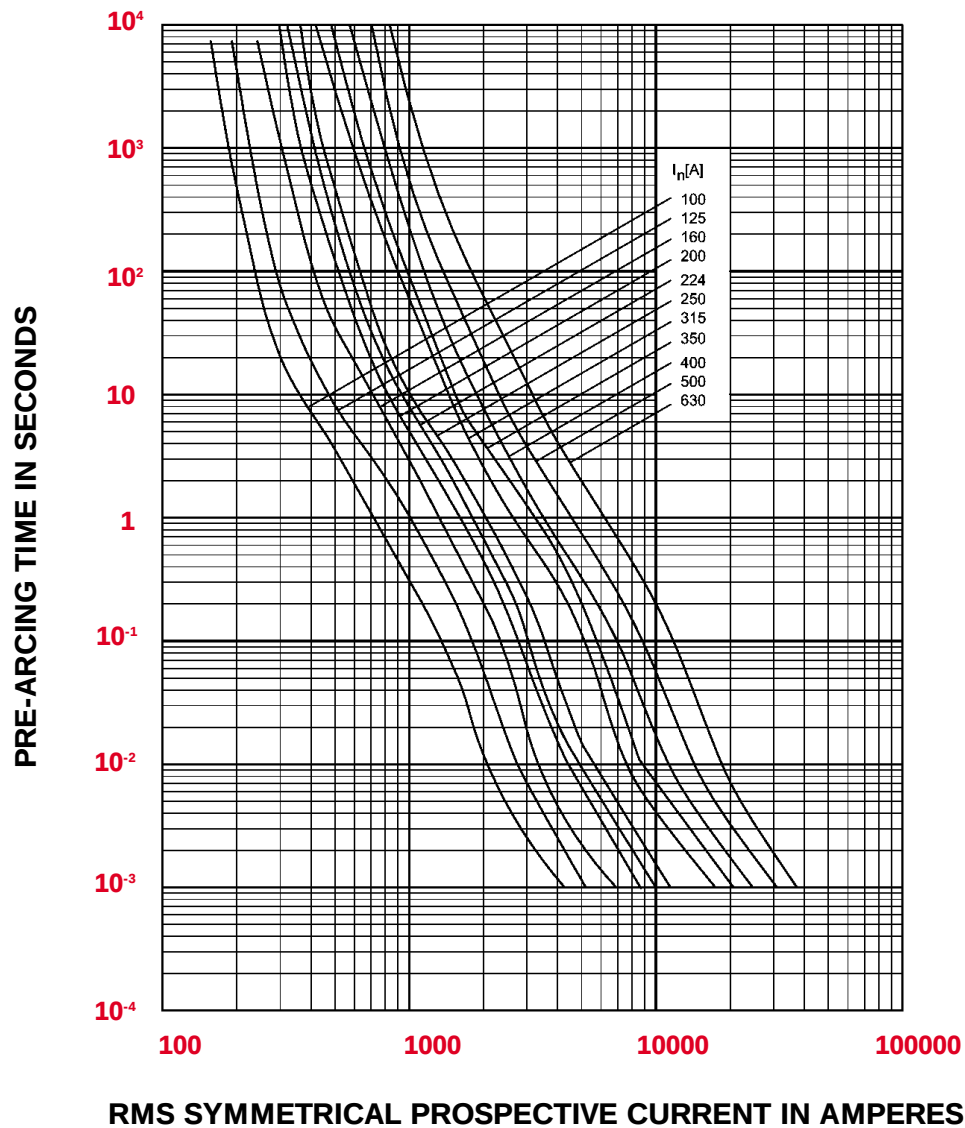
**3 FUSE SWITCH-DISCONNECTOR SELECTION TABLE FOR SIZE 03 (3S) & 3 FUSE LINKS**

| No.Poles | Part Number | Max Rated Current of Fuse Links | Rated Voltage | Max Watts Loss of Fuse Link | Weight   | Packaging |
|----------|-------------|---------------------------------|---------------|-----------------------------|----------|-----------|
| 1        | LBS3/1      | 630A                            | 690V ac       | 60W                         | 4.800 kg | 1 per Box |
| 3        | LBS3/3      |                                 |               |                             |          |           |

## Electrical Characteristics

SIZE: 3 CLASS: gG/gL 500Vac

## Time Current Characteristics


*I*<sup>2</sup>t CHARACTERISTICS

| Bussmann<br>Part Number | Rated Current<br>RMS-Amps | <i>I</i> <sup>2</sup> t (A <sup>2</sup> S) |                                      |                                       |
|-------------------------|---------------------------|--------------------------------------------|--------------------------------------|---------------------------------------|
|                         |                           | Pre Arcing at 500Vac                       | 20 x <i>I</i> <sub>n</sub> at 500Vac | <i>I</i> <sub>1</sub> 120kA at 500Vac |
| 100NH3G                 | 100                       | 20000                                      | 55000                                | 130000                                |
| 125NH3G                 | 125                       | 40000                                      | 88000                                | 190000                                |
| 160NH3G                 | 160                       | 49000                                      | 140000                               | 230000                                |
| 200NH3G                 | 200                       | 82000                                      | 210000                               | 390000                                |
| 224NH3G                 | 224                       | 120000                                     | 270000                               | 460000                                |
| 250NH3G                 | 250                       | 140000                                     | 390000                               | 580000                                |
| 315NH3G                 | 315                       | 290000                                     | 800000                               | 1150000                               |
| 350NH3G                 | 350                       | 400000                                     | 1050000                              | 1350000                               |
| 400NH3G                 | 400                       | 600000                                     | 1500000                              | 2000000                               |
| 500NH3G                 | 500                       | 770000                                     | 2050000                              | 2800000                               |
| 630NH3G                 | 630                       | 940000                                     | 3800000                              | 4300000                               |